

**IN THE CLAIMS**

1. (Previously presented) A computing system comprising:
  - an application configured to initiate write transactions;
  - a first storage device configured to store data corresponding to said write transactions;
  - a memory pool; and
  - a replicator component configured to:
    - monitor said write transactions;
    - allocate buffers from said memory pool for said write transactions; and
    - automatically modify system resources in response to I/O characteristics of said monitored write transactions, wherein modifying said system resources includes modifying a size of said memory pool;wherein said application, first storage device, and replicator are within a first node of said system, and wherein said system includes a second node with a second storage device coupled to said first node, wherein said replicator component is further configured to convey said write transactions to said second node.
2. (Original) The computing system as recited in claim 1, wherein said replicator is further configured to record data indicative of said characteristics.
3. (Cancelled).
4. (Previously presented) The computing system as recited in claim 1, further comprising a log volume, and wherein said replicator is further configured to store said write transactions in said log volume.
5. (Cancelled).

6. (Previously presented) The computing system as recited in claim 1, wherein said second node includes a pool of buffers, each of which is configured to store a write transaction received from said first node, and wherein said replicator component is further configured to modify a size of said pool of buffers in said second node in response to said characteristics.
7. (Previously Presented) The computing system as recited in claim 2, wherein said replicator is further configured to:
  - provide said recorded characteristics for display;
  - provide guidelines to a user for modifying resources of said system; and
  - modify said resources based upon user input.
8. (Original) The computing system as recited in claim 6, wherein said replicator component is configured to access said recorded data responsive to detecting an event.
9. (Previously presented) A method comprising:
  - initiating write transactions in a first node of a computing system;
  - allocating buffers from a memory pool for said write transactions;
  - storing data corresponding to said write transactions in a first storage device of the first node;
  - monitoring said write transactions;
  - automatically modifying system resources in response to I/O characteristics of said monitored write transactions, wherein said modifying includes modifying a size of said memory pool; and
  - conveying said write transactions to a second node of the computing system and storing data corresponding to said write transactions in the second node.
10. (Original) The method as recited in claim 9, further comprising recording data indicative of said characteristics.

11. (Cancelled).
12. (Previously presented) The method as recited in claim 9, further comprising storing said write transactions in a log volume.
13. (Cancelled).
14. (Previously presented) The method as recited in claim 9, wherein said second node includes a pool of buffers, each of which is configured to store a write transaction received from said first node, and wherein said method further comprises modifying a size of said pool of buffers in said second node in response to said characteristics.
15. (Previously Presented) The method as recited in claim 10, further comprising:
  - providing said recorded statistics for display;
  - providing guidelines to a user for modifying resources of said system; and
  - modifying said resources based upon user input.
16. (Original) The method as recited in claim 14, further comprising accessing said recorded data responsive to detecting an event.
17. (Previously presented) A machine readable storage medium comprising program instructions, wherein said program instructions are executable to:
  - initiate write transactions in a first node of a computing system;
  - allocate buffers from a memory pool for said write transactions;
  - store data corresponding to said write transactions in a first storage device of the first node;
  - monitor said write transactions;

automatically modify system resources in response to I/O characteristics of said monitored write transactions, wherein modifying said system resources includes modifying a size of said memory pool; and convey said write transactions to a second node of the computing system and store data corresponding to said write transactions in the second node.

18. (Previously presented) The storage medium as recited in claim 17, wherein said program instructions are further executable to record data indicative of said characteristics.

19. (Cancelled).

20. (Previously presented) The storage medium as recited in claim 17, wherein said program instructions are further executable to:  
convey said write transactions from a first node to a buffer allocated from a pool of buffers within a second node; and  
modify a size of said pool of buffers in said second node in response to said characteristics.

21. (Previously presented) The system of claim 1, wherein said second node is configured to serve as a failover node if the first node fails.

22. (Previously presented) The method of claim 9, wherein said second node is configured to serve as a failover node if the first node fails.

23. (Previously presented) The storage medium of claim 17, wherein said second node is configured to serve as a failover node if the first node fails.